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### Type **BFOS** Bag filter housing

The filter housing series BFOS are welded stainless steel constructions to install a filter bag size 1 (0,25 m<sup>2</sup>) or size 2 (0,5 m<sup>2</sup>). The cylindric vessel is equipped with a casted hinged lid and a casted basket support. The top cover is to fold away, equipped with eyebolts and sealed with an O-ring. The filter bags certainly fixed with a special downholder to provide an optimum sealing without any bypass. The design of the housing allows the use of Standard and High Efficiency bags and a wide variety of O-ring materials with no change in design. The stainless steel support basket ensures a pressure-proof support of the installed filter bag. The inlet flange (N1) is located sidewise to the shell of the body and the outlet flange (N2) to the bottom head. Optional with sidewise outlet. Additional connections on both sides and a cast-bolting allow fast mounting of a diff. pressure gauge. The filter housings are internally and externally electropolished and delivered with a adjustable tripod stand.

#### **TECHNICAL DATA**

**BFOS** 

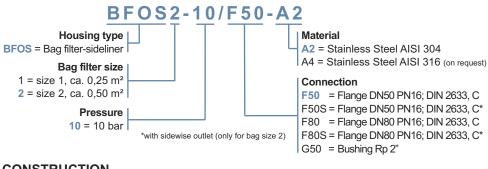
FUHR

| Inlet- and Outlet connection<br>(N1/N2) | DN50 / DN80 / Rp2"    |
|---|-----------------------|
| Vent, Pressure Gauge (N3, N4)           | Rp 1/4                |
| Drain (N5)                              | Rp 1/2                |
| Diff. pressure gauge (N6, N7)           | Rp 1/4                |
| Material                                | AISI 304 / AISI 316*1 |
| Gasket                                  | O-ring FPM*2          |
| Max. Pressure                           | 10 bar                |
| Max. Temperature                        | -10/+80°C             |

\*1 available on request

\*2 other gasket materials are possible

#### ORDERING INFORMATIONS OF FILTER HOUSINGS BFOS



#### CONSTRUCTION

- Declaration of conformity acc. DGRL 2014/68/EU
  Classification acc. Art.4, Paragraph 3
- Approved for the operation with fluids only of group 2 (not dangerous)

#### DIMENSIONS

Optional: with sidewise outlet (only for bag size 2) / plus bushing 2 inch

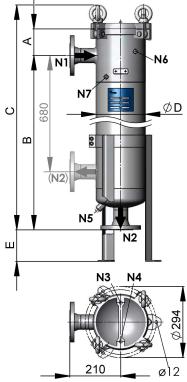
| vessel type  | filter<br>area (m²) | connection<br>in/out (N1/N2) | A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) |
|--------------|---------------------|------------------------------|-----------|-----------|-----------|-----------|-----------|
| BFOS1-F50-A2 | ~0,25               | DN50 PN16                    | 110       | 556       | 765       | Ø204      | max. 275  |
| BFOS2-F50-A2 | ~0,5                | DN50 PN16                    | 110       | 920       | 1130      | Ø204      | max. 275  |
| BFOS2-F80-A2 | ~0,5                | DN80 PN16                    | 110       | 920       | 1130      | Ø204      | max. 275  |

Subject to technical alterations. AL1061-01-E

## acuraLine<sup>®</sup>

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#### **OPTIONAL**

differential pressure gauge mounted



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